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REISSUE APPLICATION DECLARATION BY THE INVENTOR		Docket Number (Optional) 090936.0407
<p>As a below named inventor, I hereby declare that: My residence, mailing address and citizenship are stated below next to my name. I believe I am the original, first and sole Inventor (if only one name is listed below) or an original, first and joint Inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number <u>6,339,409</u>, granted <u>January 15, 2002</u>, and for which a reissue patent is sought on the invention entitled : WIDE BANDWIDTH MULTI-MODE ANTENNA the specification of which</p> <p><input checked="" type="checkbox"/> is attached hereto.</p> <p><input type="checkbox"/> was filed on _____ as reissue application number _____ and was amended on _____ (If applicable)</p> <p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input type="checkbox"/> by reason of other errors.</p> <p>At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:</p> <p>Applicant believes the original patent to be partly inoperative or invalid by reason of the patentee claiming less than patentee had the right to claim in the patent. For example, Claims 1, 18 and 21 are in error because they recite an unnecessary limitation of "a pointed tip".</p>		

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All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named Inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s) Registration Number

All attorneys and agents of customer number 31625

Correspondence Address: Direct all communications about the application to:

Customer Number **31625** → Place Customer Number Bar Code Label here
Type Customer Number here

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	Zip	
Country			
Telephone	Fax		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Thomas J. Warnagiris

Inventor's signature 	Date 1/17/2004
Residence San Antonio, Bexar County, Texas	Citizenship United States of America

Mailing Address 18403 Crosstimber Street, San Antonio, Texas 78258

Full name of second joint inventor (given name, family name)

Inventor's signature	Date
Residence	Citizenship

Mailing Address

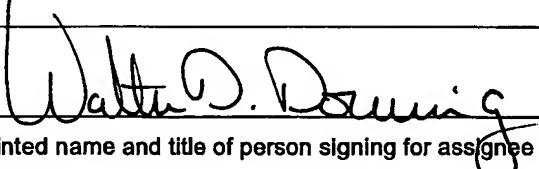
Full name of third joint inventor (given name, family name)

Inventor's signature	Date
Residence	Citizenship

Mailing Address

Additional joint inventors are named on separately numbered sheets attached hereto.

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REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) 090936.0407
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Thomas J. Warnagiris		
Patent Number 6,339,409	Date Patent Issued January 15, 2002	
Title of invention WIDE BANDWIDTH MULTI-MODE ANTENNA		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p>		
One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee". The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.		
The assignee(s) owning an undivided interest in said original patent is/are <u>Southwest Research Institute</u> and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned)		
Signature 	Date 1/14/2004	
Typed or printed name and title of person signing for assignee (if assigned)		
Name: Walter D. Downing Title: Executive Vice President		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Thomas J. WarnagirisApplication No./Patent No.: 6,339,409 Filed/Issue Date: January 15, 2002Entitled: Wide Bandwidth Multi-Mode AntennaSouthwest Research Institute, a non-profit corporation organized in the state of Texas,

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 01186 Frame 0621, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

1/14/2004

Date

Walter D. Downing

Typed or printed name

Walter D. Downing

Signature

Executive Vice President

Title